

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Kitson et al.

SERIAL No. Unassigned

EXAMINER: Unassigned

FILED: Herewith

GROUP NO.: Unassigned

TITLE: LIQUID CRYSTAL ALIGNMENT

ATTORNEY DOCKET NO. 30001065

Assistant Commissioner For Patents
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on March 23, 2001 (Date of Deposit)

DAVID L. BARNES
Name

Signature

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the application as follows:

IN THE CLAIMS

All of the claims, whether amended or not, are shown below for the convenience of the Examiner.

1. (Amended) A liquid crystal device comprising a first cell wall and a second cell wall enclosing a layer of liquid crystal material;

electrodes for applying an electric field across at least some of the liquid crystal material;

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a surface alignment structure on the inner ~~surface~~ of at least the first cell wall providing a desired alignment to the liquid crystal molecules, wherein the said surface alignment structure comprises one of a random or pseudorandom two dimensional array of features which are at least one of shaped and orientated to produce the desired alignment.